

Propulsion timing affects the relationship between paretic propulsion and long-distance walking function after stroke



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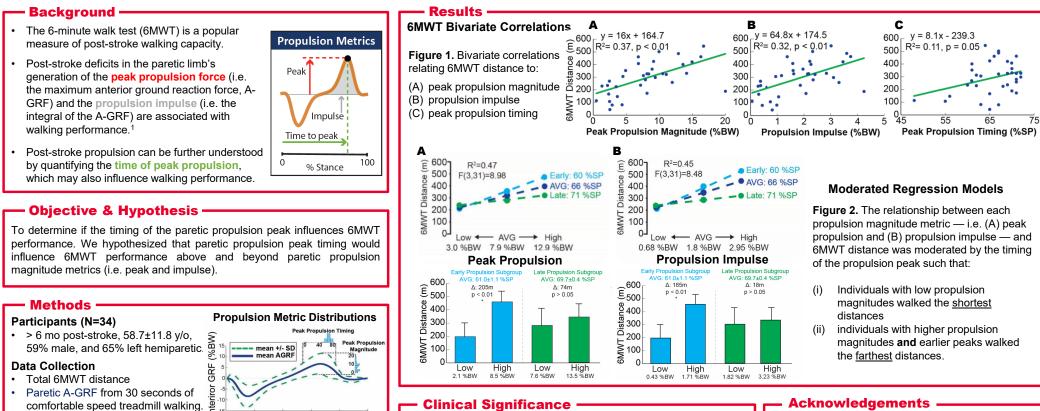
References: [1] Awad, L., et al. 2015, N.N.R.

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team for making available the dataset used for this study.

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Post-stroke individuals with higher paretic propulsion magnitudes and

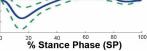
earlier peak propulsion timings walked the farthest distances during

the 6MWT. Both magnitude and timing of paretic propulsion may need

to be targeted during rehabilitation to maximize walking recovery.

Statistical Analyses

- Bivariate relationships between propulsion metrics and 6MWT distance.
- Two moderated regression models: Model 1 included peak propulsion, peak propulsion timing, and their interaction. Model 2 included propulsion impulse, peak propulsion timing, and their interaction.



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